

PTH1 : GaAsSbN grown on GaAs by gas source molecular beam epitaxy

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PTH2 : A Novel Template Approach by MBE for ALD Growth of High κ Dielectrics

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PTH3 : Structural and Magnetic Characteristics of Epitaxial Fe₃Si/GaAs Heterostructures

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PTH4 : InAs/GaAs Quantum Dot Infrared Photodetectors with Thick Active Regions

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PTH5 : Mid-infrared InAsPSb/InAsSb quantum-well light emitter

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PTH6 : Optical properties of unintentionally doped InN grown by PA-MBE

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PTH7 : Growth condition investigation for AlN heteroepitaxial layers grown on Si (111) substrate by plasma-assisted MBE

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PTH8 : Effect of substrate temperature on InN/Si(100) grown by plasma-assisted chemical beam epitaxy

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PTH9 : The Simulation and Analysis of 150nm Double-Gate P-HEMT with In_{0.53}Ga_{0.47}As/InAs/ In_{0.53}Ga_{0.47}As Composite Channel

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PTH10 : Investigation of Growth Rate of Carbon-Doped GaAs Grown by MOCVD using CBr₄

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PTh11 : Metal contacts on GaN

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PTh12 : InAsPSb quaternary for mid-infrared application grown by gas source molecular beam epitaxy

Gene Tsai, D. L. Wang, C. E. Wu, C. R. Wu, Y. T. Lin and Hao-Hsiung Lin

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PTh13 : Valence band offset of wurtzite InN/AlN heterojunction determined by photoelectron spectroscopy

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PTh14 : Ultrafast Carrier-Phonon Interactions in InN

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PTh15 : SiO₂/InN Metal-Oxide-Semiconductor Structure

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PTh16 : Raman spectra of InN films with different carrier concentrations

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PTh17 : Material Properties of the InN Grown on Si(111) with Intermediate AlN Single Crystal Layer Using Plasma-assisted Molecular Beam Epitaxy

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PTh18 : Near-Infrared Photoluminescence of Vertically Aligned InN Nanorods Grown on Si(111) by Plasma-Assisted Molecular-Beam Epitaxy

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PTh19 : Self-assembled Vertical Aligned GaN Nanorods on Si(111) by PA-MBE

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PTh20 : Nitride based nanorods grown on Si(111) substrate

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PTh21 : Enhanced thermal stability and emission intensity on InAs quantum dots covered by InGaAsSb strain-reducing layer

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PTh22 : Enhanced light emission from InAs quantum dots in photonic crystal nanocavities at room temperature

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PTh23 : Selective excitation photoluminescence of InAs self-assembled quantum dots

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PTh24 : Capping layer effect on InGaAs/GaAs Quantum Dots grown by molecular beam epitaxy

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PTh25 : $\lambda = 1.31 \mu\text{m}$ In_xGa_{1-x}As/GaAs quantum dots capped with low In-content In_yGa_{1-y}As grown by molecular beam epitaxy

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PTh26 : Effects of composite matrix on the emission wavelengths of quantum dots

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PTh27 : Single Mode InGaAs Sub-Monolayer Quantum-Dot Photonic-Crystal VCSELs

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PTh28 : Cross-Shaped Polarization-Switching VCSELs for Dual-Channel Communications

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PTh29 : The Comparison of MBE- and MOCVD-Prepared GaAs/AlGaAs Quantum Well Infrared Photodetector

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PTh30 : Modulation-Doped InGaAs/InGaAlAs Asymmetric Multiple Quantum-Well Structures Grown by MBE

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PTh31 : DC characteristics of InGaAsSb/InP hbts grown by solid-source molecular beam epitaxy

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PFr1 : Defects-Related Optical Spectra of Cadmium Telluride Films Prepared by Molecular Beam Epitaxy

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PFr2 : The enhancement of ripening effect in CdSe quantum dots using ZnSe partial capped by molecular beam epitaxy

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PFr3 : Structural and optical properties of ZnO epilayers grown by plasma-assisted molecular beam epitaxy on GaN/sapphire (0001) under different O/Zn flux ratios

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PFr4 : Modified Molecular Beam Epitaxy Growth of GaN on LiGaO₂ substrates

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PFr5 : Analysis of Yttrium-doped and Pure Hafnium Oxide High κ Dielectric Thin Films on GaAs

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PFr6 : Grown Ga₂O₃(Gd₂O₃) thin film of cubic phase on Si(111) by molecular beam epitaxy

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PFr7 : Structure Characteristics and Strain Relaxation Behavior of Ultrathin Y₂O₃ Films Epitaxially Grown on Si(111)

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- PFr8 : Inelastic Electron Tunneling Spectroscopy Study on MBE-grown HfO₂ Metal-Oxide-Semiconductor System**
 C.C. Huang^{1*}, H. C. Ho¹, Y. D. Wu², W. C. Lee², M. Hong², and J. Kwo¹
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- PFr9 : The Improvement of Interfacial and Electrical Properties for Sputtered Ti-HfO₂ Dielectrics by Using a MBE-Grown Template**
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- PFr10 : Electrical characteristics of High-K MOSCAP and MOSFET devices with MBE-grown HfO₂ gate oxide and TiN metal gate**
 C. H. Pan¹, W. C. Lee², C. S. Chiou, C. P. Chen², K. Y. Lee², Y. J. Lee², Z. K. Yang², Y. N. Chiou³, M. Hong², and J. Kwo³
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- PFr11 : Characteristics of initial growth of Ga₂O₃(Gd₂O₃) on GaAs**
 M. L. Huang¹, T. D. Lin¹, W. C. Lee¹, T. H. Chiang¹, J. Kwo², and M. Hong¹
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- PFr12 : Interfacial characteristics of high-quality single-crystal Sc₂O₃ grown on Si(111)**
 H. Y. Chou¹, P. Chang¹, Z. K. Yang¹, M. L. Huang¹, J. Kwo², and M. Hong¹
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- PFr13 : Electric spin injection in GaAs/AlGaAs Quantum well LEDs**
 Y. N. Chiu¹, C. C. Ho¹, P. Chang², H. P. Yang³, M. Hong², and J. Kwo¹
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- PFr14 : Exchange biasing in IrMn/(Ga, Mn)As bilayers**
 Y. F. Chen, H. D. Lin, J. H. Huang,* W. N. Lee, C. H. Lai, and T. S. Chin
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- PFr15 : Magnetic Properties of MBE Grown Cobalt Doped HfO₂**
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- PFr16 : Transition energies of Ge/Si quantum dots grown by molecular beam epitaxy**
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- PFr17 : ZnO MSM Photodetectors with Ru Contact Electrodes**
 Shouou-Jinn Chang, Tien-Kun Lin, Sheng-Po Chang, Yu-Zung Chiou
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